

FIG. 5A

| ROOT PROCESS TABLE | | | | _138 | ENUMER/ (#defines) | 4 40 | |
|-------------------------|--|--------|-----------|---------------|-----------------------|--|--|
| PROC 1 | | PROC 2 | PROC N | | TIMER Id | PROCESS TYPES TIMER Ids SIGNAL IDs | |
| PROCESS DESCRIPTION 140 | | | | | | | |
| | | | | | | | |
| | MAX INSTANCES = M SIZE OF INSTANCE VAR STRUCTS = S | | | | | | |
| 5 | STATE INDEX TABLE | | | | | | |
| | | | STATE ID | 1 STATE ID 2 | | STATE ID X | |
| 1 L | TRAN TBL IDX | | | | | | |
| TRANSITION TABLE | | | | | | | |
| | | | SIGNAL ID | 1 SIGNAL ID 2 | | SIGNAL ID Y | |
| 1 5 | TRANS ID | | | | | | |
| - | INSTANCE DATA TABLE | | | | | | |
|] [| | | INSTANCE | 1 INSTANCE 2 | | INSTANCE M | |
| | VARS | | | | | | |
| 1 [| STA | ATE | | | | | |
| | PARE | NT ID | | | | | |
| | OFFSPRING ID | | | | | | |
| TransitionFunction() | | | | | | | |

Fig. 5B

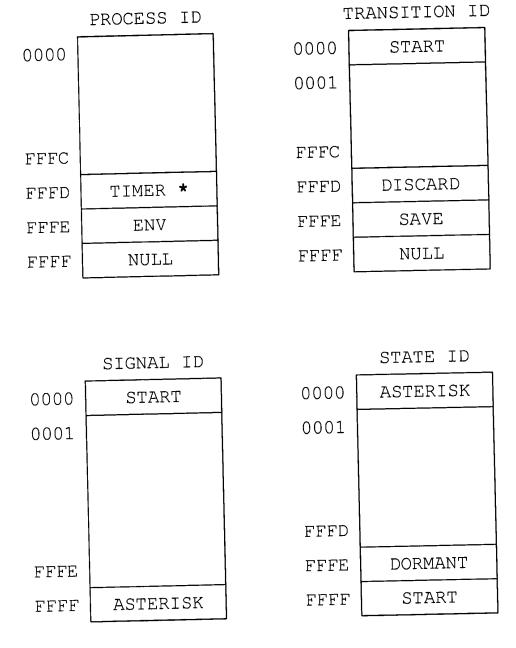


FIG. 6

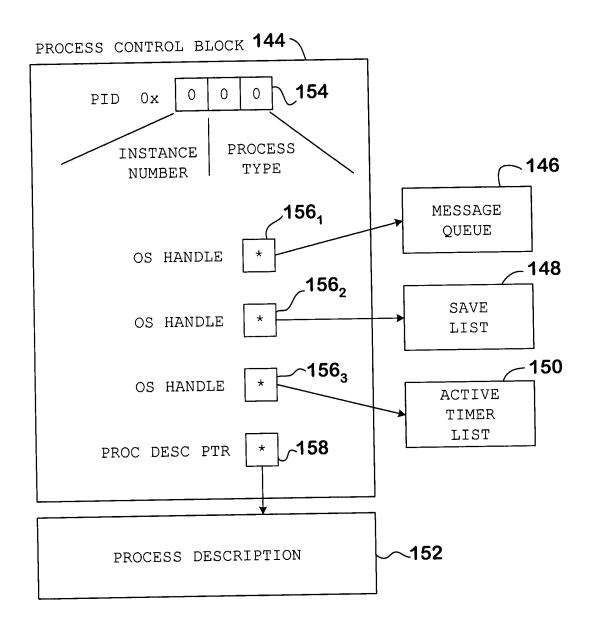


FIG. 7

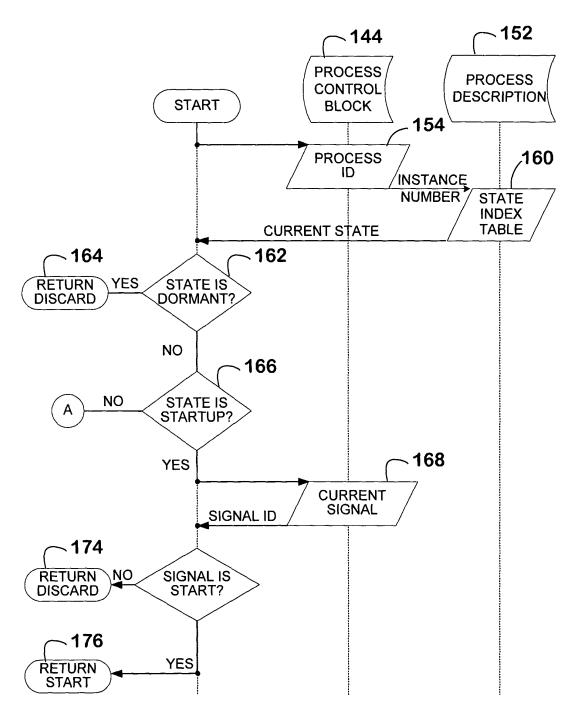


Fig. 8

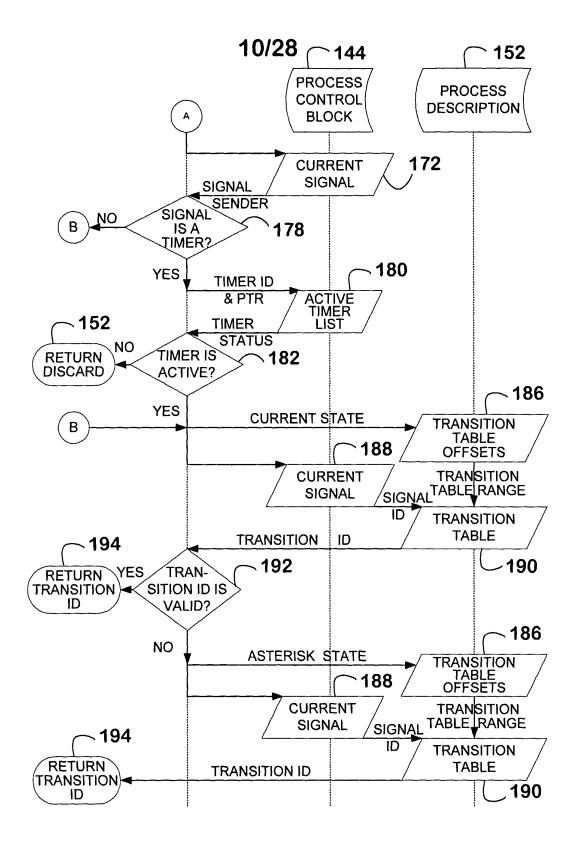


Fig. 9

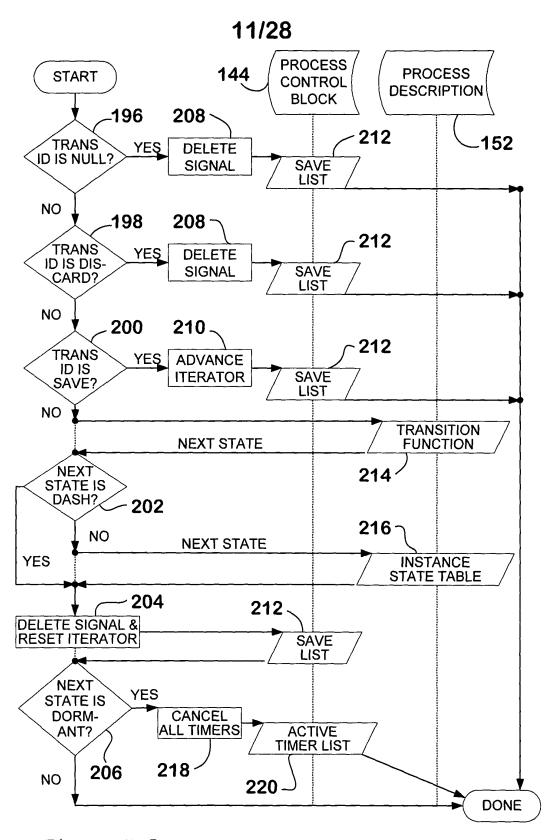


FIG. 10

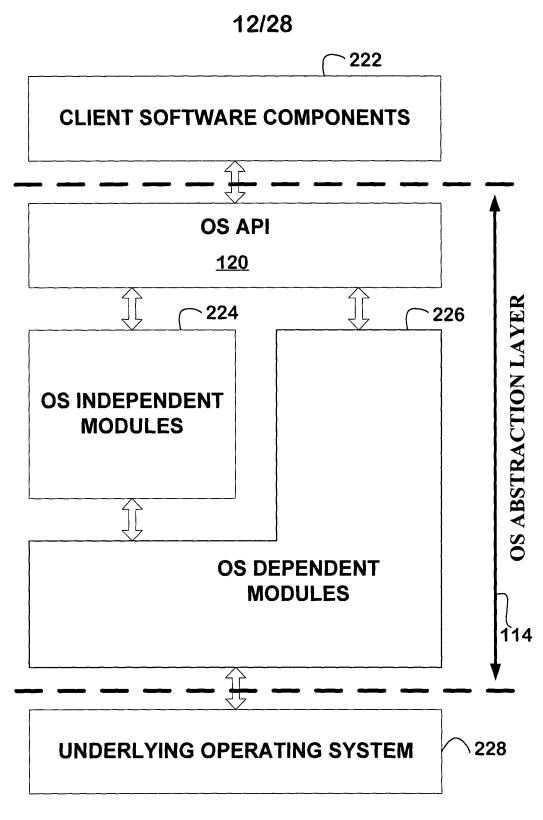
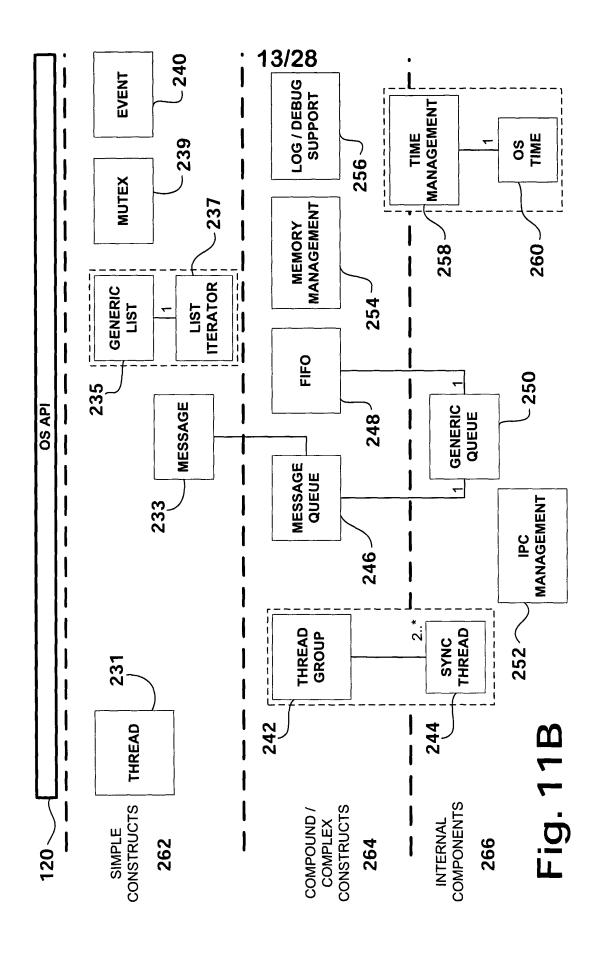
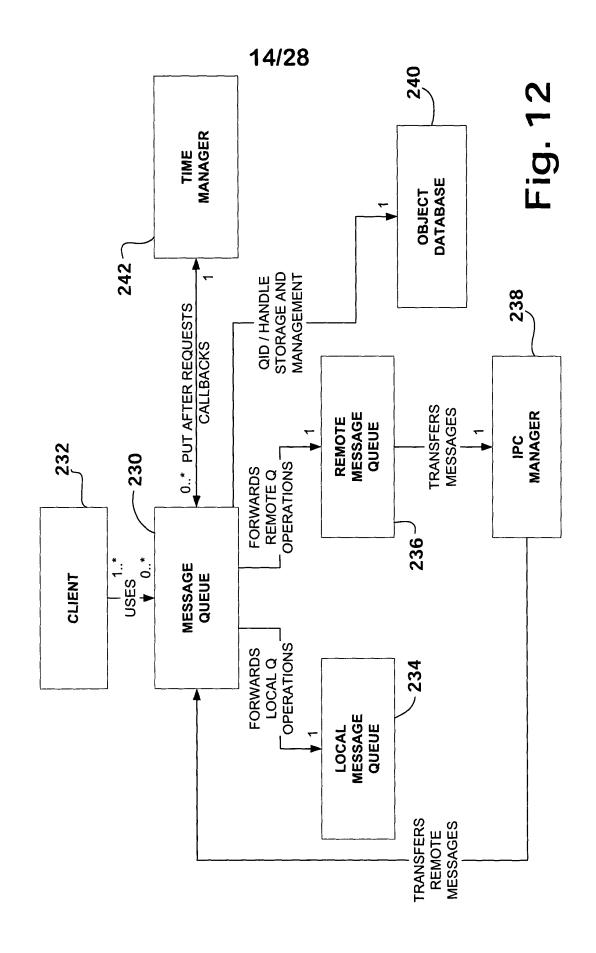
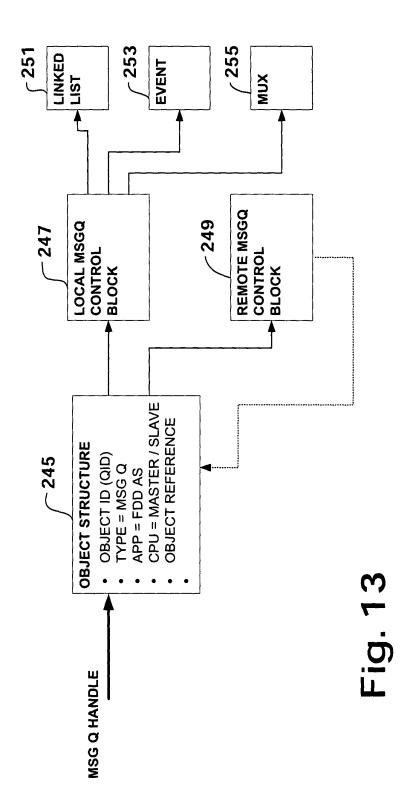
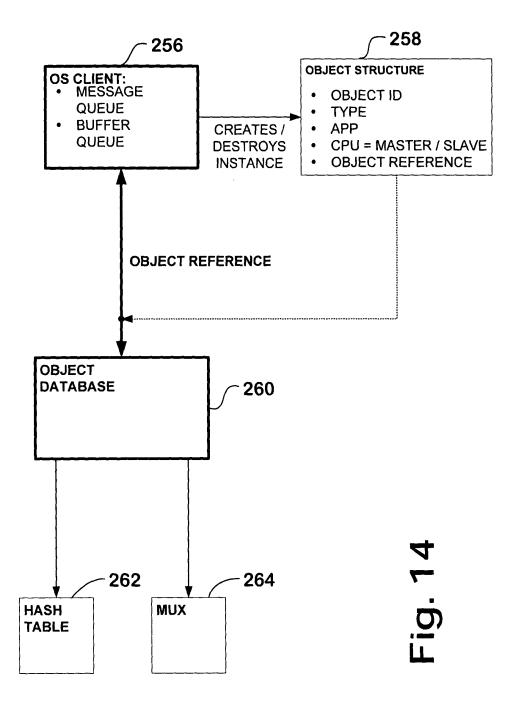


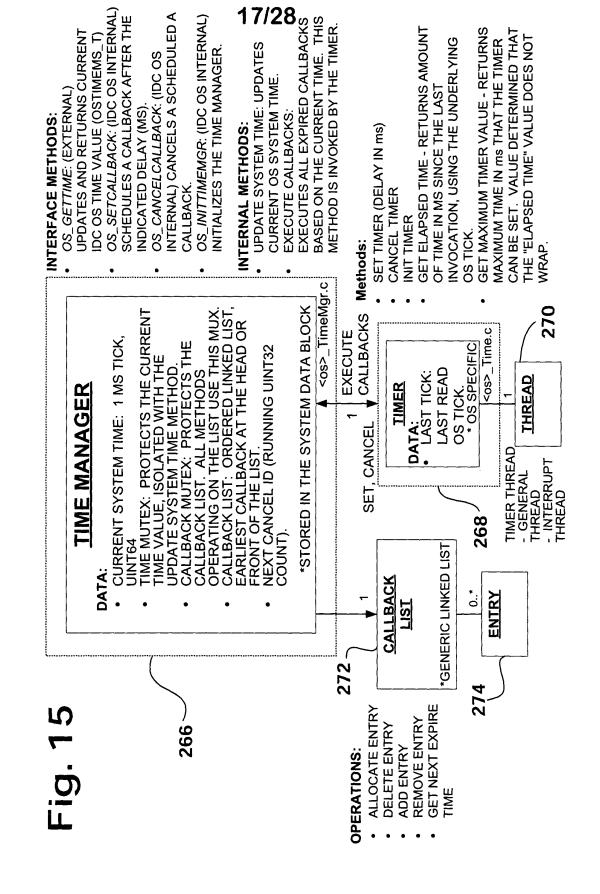
FIG. 11A











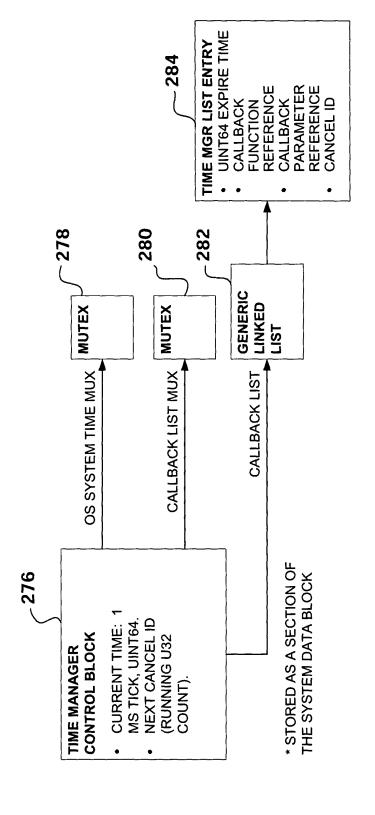
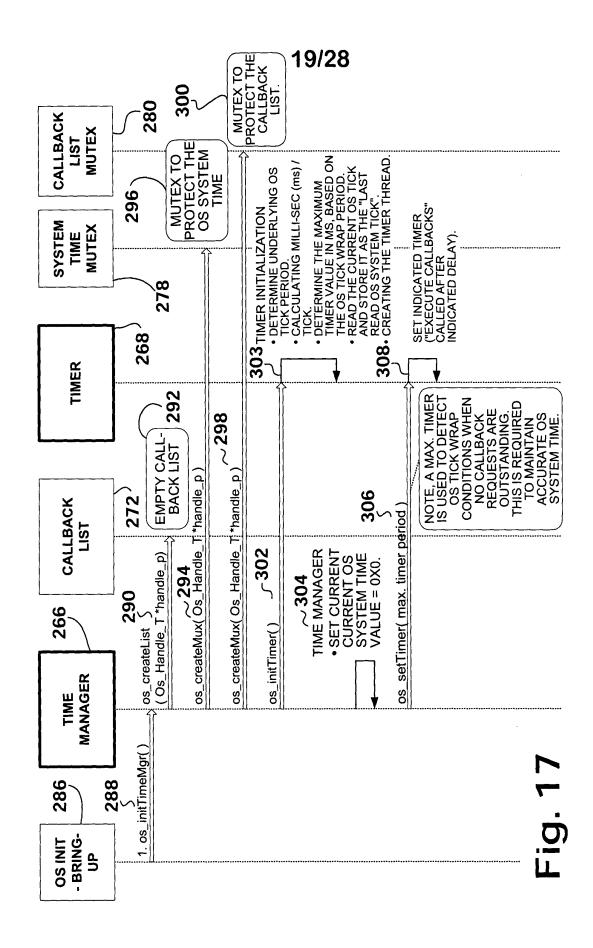
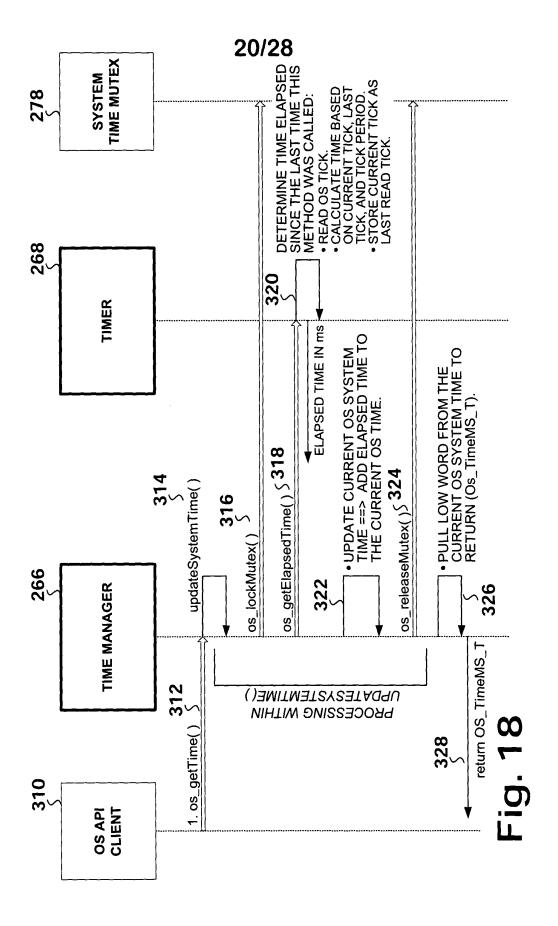
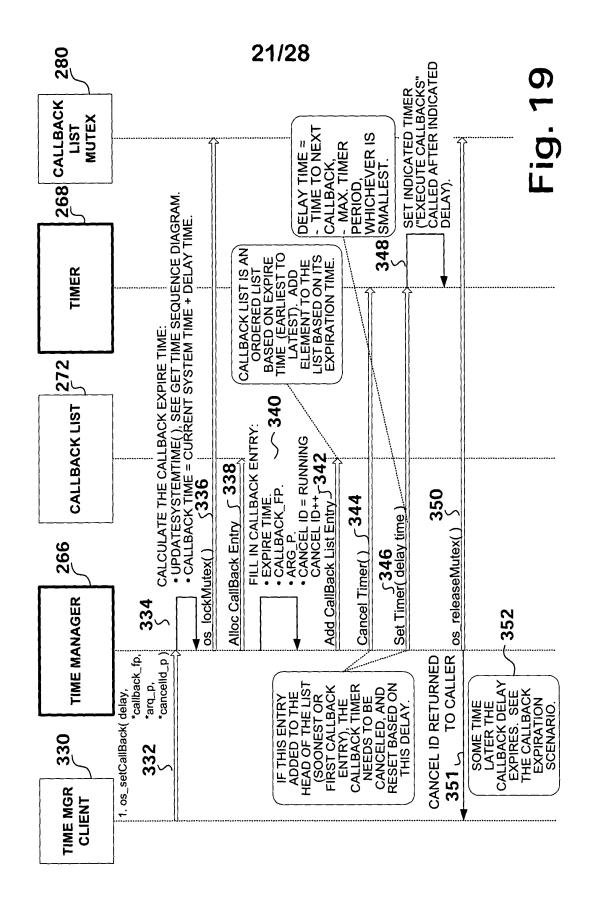
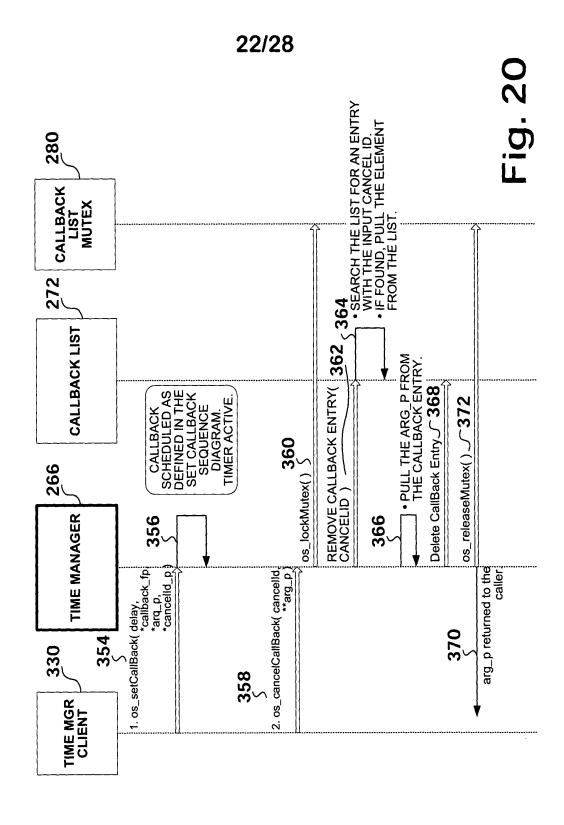


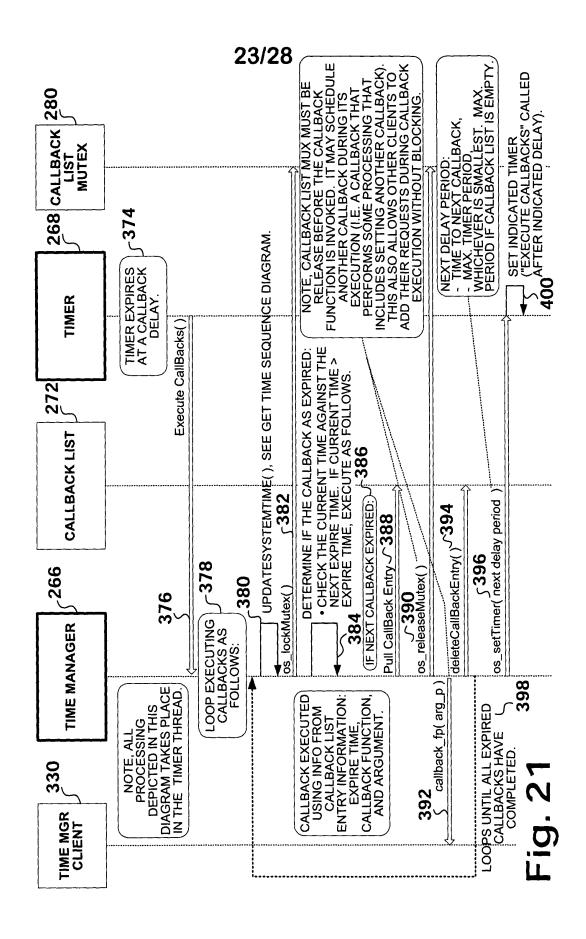
Fig. 16

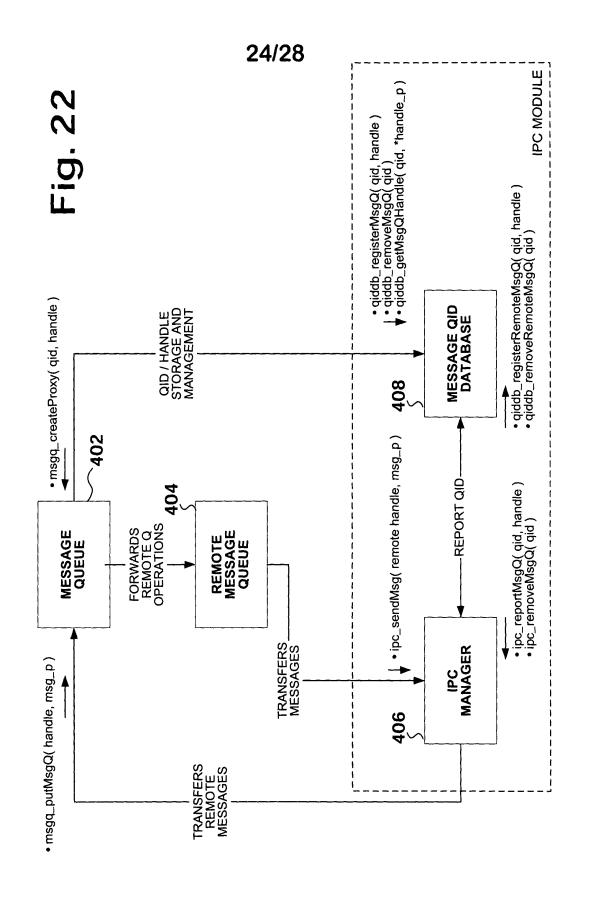


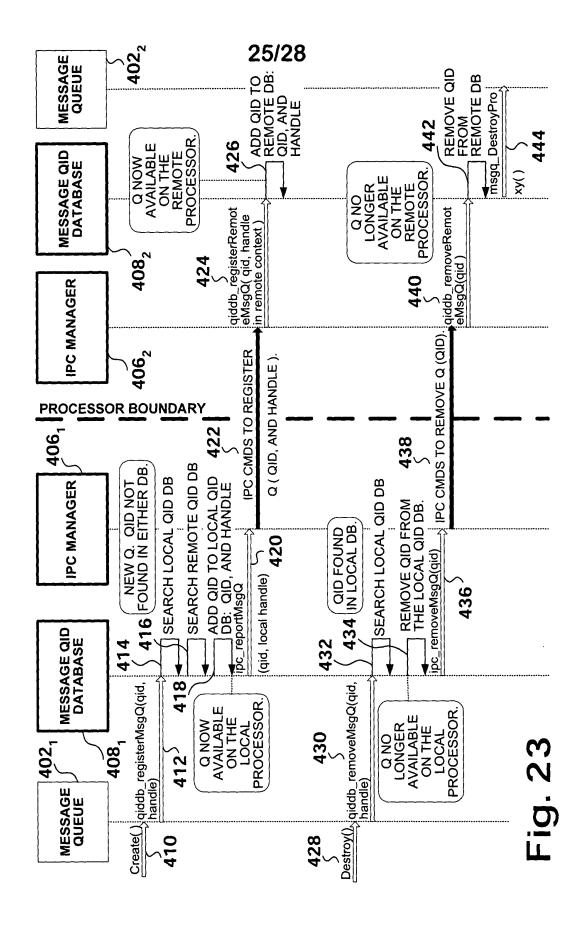












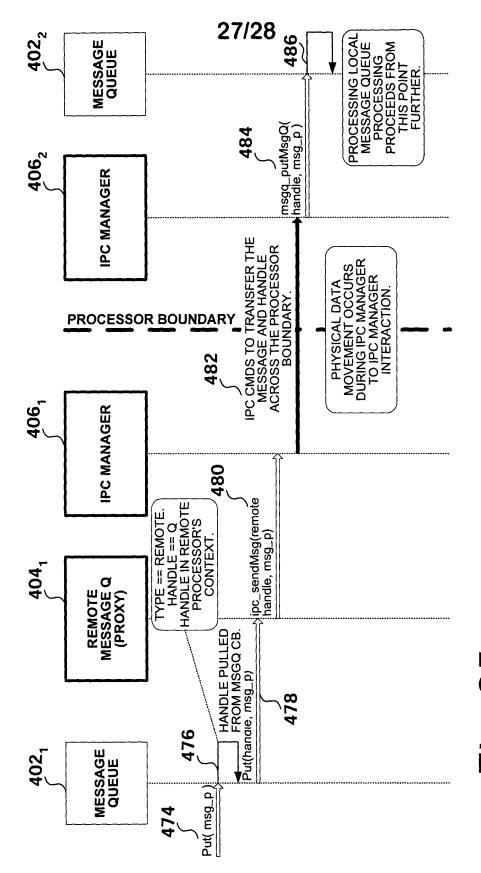


Fig. 25

